

Title (en)
Pesticidal 1-arylimidazoles.

Title (de)
1-Arylimidazol-Pestizide.

Title (fr)
1-Arylimidazoles pesticides.

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Application
EP 90304875 A 19900504

Priority
US 34868289 A 19890505

Abstract (en)
The invention describes novel 1-arylimidazoles of formula (I) <CHEM> wherein typically preferred substituents are: X is S(O)_nR₁, in which R₁ is an alkyl group, preferably a methyl group, which is fully substituted by halogen atoms, and n is 0, 1 and 2; Y is selected from a hydrogen or halogen atom or a group selected from methylsulphenyl, methylsulfinyl or methylsulfonyl; Z is a hydrogen atom, a halogen atom or an alkyl group, preferably methyl; and R₂, R₃, R₄, R₅ and R₆ are selected from a hydrogen or a halogen atom or a group selected from an unsubstituted or halo-substituted alkyl, alkoxy, alkylsulphenyl, alkylsulfinyl or alkylsulfonyl. The invention further describes intermediates and processes to make the compounds, compositions of the compounds and to methods of use of the compounds for the control of arthropods (especially mites, aphids or insects), nematodes, helminths, or protozoa.

IPC 1-7
A01N 43/50; **C07D 233/64**; **C07D 233/66**; **C07D 233/70**; **C07D 233/84**

IPC 8 full level
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